

IN THE CLAIMS:

Please cancel Claims 1 to 13 and 16 to 29 without prejudice or disclaimer of subject matter, add new Claims 30 to 33 and amend the claims as shown below.

1. to 13 (Canceled)

14. (Currently Amended) A scanner connection apparatus ~~which connects a scanner device,~~ comprising:

~~a network interface configured to connect to a network;~~

a first communication scanner interface that connects ~~connected to said scanner an image scanning~~ device;

a second communication interface that connects to a control apparatus on a network, where the control apparatus has functions of setting a scanning condition and of communication with the image scanning device;

~~instruction operation means for instructing an operation of said scanner device, and for instructing a transmission, via said network interface, of data received from said scanner device;~~

~~command execution means for receiving an instruction command from a predetermined control apparatus on said network via said network interface, and enabling said instruction operation means to input an instruction for a scanning operation of said scanner device;~~

~~input means for inputting an instruction for a scanning operation of said scanner device after the enabling of said instruction operation means to input the instruction; and~~

~~output means for outputting data, received from said scanner device by the scanning operation of said scanner device, to said control apparatus via said network interface in accordance with an instruction of said instruction operation means~~

a display unit having a screen that displays an image;

a touch-sensitive panel arranged on the screen of the display unit; and

a processor that controls the scanner connection apparatus.

wherein, said display unit, said touch-sensitive panel and said processor configure a selection screen displaying unit for inputting a user instruction and for enabling to issue a scanning start command for the image scanning device, by:

said processor receiving, from the control apparatus via said second communication interface, a selection image data having items to be selected by a user;

said display unit displaying the received selection image data;

said processor detecting a touch on said touch-sensitive panel by the user's operation; and

said processor transmitting, via said second communication interface, information specifying an item designated by the user, to the control apparatus so that, based on a scanning start instruction issued by the user, a scanning start command is output to the image scanning device;

wherein, said first communication interface, said second communication interface, said processor and the image scanning device connected to the first communication interface configure a unit which operates as a local image scanner of the control apparatus by said processor's operations of:

outputting the scanning start command to the image scanning device via said first communication interface as a response to the scanning start instruction by the user;

receiving image data of an original obtained by the image scanning device via said first communication interface; and

transmitting the image data of the original via said second communication interface so that the control apparatus receives the image data of the original.

15. (Currently Amended) A control method for a scanner connection apparatus having a ~~scanner~~ i) first communication interface which is connected to a scanner device and a network interface configured to connect to a network that connects to an image scanning device, ii) a second communication interface that connects to a control apparatus on a network, where the control apparatus has a function of setting a scanning condition and of communicating with the image scanning device, iii) a display unit having a screen that displays an image, iv) a touch-sensitive panel arranged on the screen of the display unit, and v) a processor that controls the scanner connection apparatus, said method comprising:

~~an instruction operation step of instructing an operation of said scanner device, and for instructing a transmission, via said network interface, of data received from said scanner device;~~

~~a command execution step of receiving an instruction command from a predetermined control apparatus on said network via said network interface, and enabling said instruction operation step to input an instruction for a scanning operation of said scanner device;~~

~~an input step of inputting an instruction for a scanning operation of said scanner device after the enabling of said instruction operation step to input the instruction; and~~

~~an output step of outputting data, received from said scanner device by the scanning operation of said scanner device, to said control apparatus via said network interface in accordance with an instruction in said instruction operation step~~

a process of configuring a selection screen displaying unit for inputting of a user instruction and for enabling to issue a scanning start command for the image scanning device, by using said display unit, said touch-sensitive panel and said processor, the process including:

said processor receiving, from the control apparatus via said second communication interface, a selection image data having items to be selected by a user;

said display unit displaying the received selection image data;

said processor detecting a touch on said touch-sensitive panel by the user's operation; and

said processor transmitting, via said second communication interface, information specifying an item designated by the user, to the control apparatus so that, based on a scanning start instruction issued by the user, a scanning start command is output to the image scanning device; and

a process of configuring, by using said first communication interface, said second communication interface, said processor and the image scanning device, a unit which operates as a local image scanner of the control apparatus by said processor's operations of:

outputting the scanning start command to the image scanning device via said first communication interface as a response to the scanning start instruction by the user;

receiving image data of an original obtained by the image scanning device via said first communication interface; and

transmitting the image data of the original via said second communication interface so that the control apparatus receives the image data of the original.

16. to 29. (Canceled)

30. (New) A scanner connection apparatus comprising:

a first communication interface that connects to an image scanning device;

a second communication interface that connects to a control apparatus on a network, where the control apparatus has functions of communicating with the image scanning device and of transmitting image data obtained from the image scanning device to a transmission destination on the network,

a display unit having a screen that displays an image;

a touch-sensitive panel arranged on the screen of the display unit; and

a processor that controls the scanner connection apparatus,

wherein, said display unit, said touch-sensitive panel and said processor configure a selection screen displaying unit for inputting of a user instruction and for enabling selection of a transmission destination of an image data of an original obtained by the image scanning device, by:

said processor receiving, from the control apparatus via said second communication interface, a selection image data having the transmission destination to be selected by a user;

said display unit displaying the received selection image data;

said processor detecting a touch on said touch-sensitive panel by the user's operation; and

said processor transmitting, via said second communication interface, information specifying the transmission destination designated by the user, to the control apparatus so that the control apparatus specifies the transmission destination of the image data of the original, and

wherein, said first communication interface, said second communication interface, said processor and the image scanning device connected to the first communication interface configure a unit which operates as a local image scanner of the control apparatus by:

said processor's operations of outputting the scanning start command to the image scanning device via said first communication interface;

receiving image data of an original obtained by the image scanning device via said first communication interface; and

transmitting the image data of the original via said second communication interface so that the control apparatus transmits the image data of the original to the designated transmission destination.

31. (New) The scanner connection apparatus according to claim 30, wherein the selection screen displaying unit configured by said display unit, said touch-sensitive panel and said processor, provides, to the control apparatus, information specifying plural transmission destinations on the network in which different transmission categories comprised of a facsimile destination, a printer, a FTP destination, a file server, a PC, and a mail destination are included.

32. (New) A control method for a scanner connection apparatus, having I) a first communication interface that connects to an image scanning device, ii) a second communication interface that connects to a control apparatus on a network, where the

control apparatus has a function of setting a scanning condition, of communicating with the image scanning device, and of transmitting image data obtained from the image scanning device to a transmission destination on the network, iii) a display unit having a screen that displays an image, iv) a touch-sensitive panel arranged on the screen of the display unit, and v) a processor that controls the scanner connection apparatus, said method comprising:

a process of configuring a selection screen displaying unit for inputting of a user instruction and for enabling to select a transmission destination of image data of an original obtained by the image scanning device, by using said display unit, said touch-sensitive panel and said processor, wherein said process includes:

said processor receiving, from the control apparatus via said second communication interface, a selection image data having the transmission destinations to be selected by a user;

said display unit displaying the received selection image data;

said processor detecting a touch on said touch-sensitive panel by the user's operation; and

said processor transmitting, via said second communication interface, information specifying the transmission destination designated by the user, to the control apparatus so that the control apparatus specifies the transmission destination of the image data of the original; and

a process of configuring, by using said first communication interface, said second communication interface, said processor and the image scanning device, a unit



which operates as a local image scanner of the control apparatus by said processor's operations of:

outputting the scanning start command to the image scanning device via said first communication interface;

receiving image data of an original obtained by the image scanning device via said first communication interface; and

transmitting the image data of the original via said second communication interface so that the control apparatus transmits the image data of the original to the designated transmission destination.

33. (New) A scanner connection apparatus, comprising:

a first communication interface that connects to an image scanning device;

a second communication interface that connects to a control apparatus on a network, where the control apparatus has functions of communicating with the image scanning device and of transmitting image data obtained from the image scanning device to a transmission destination on the network,

a display unit having a screen that displays an image;

a touch-sensitive panel arranged on the screen of the display unit; and

a processor that controls the scanner connection apparatus,

wherein, said display unit, said touch-sensitive panel and said processor configure a selection screen displaying unit for inputting of a user instruction and for

enabling selection of a transmission destination of image data of an original obtained by the image scanning device, by:

said processor receiving, from the control apparatus via said second communication interface, a selection image data having the transmission destination to be selected by a user;

said display unit displaying the received selection image data;

said processor detecting a touch on said touch-sensitive panel by the user's operation, so that the transmission destination of the image data of the original is specified,

wherein, said first communication interface, said second communication interface, said processor and the image scanning device connected to the first communication interface configure a unit which operates as a local image scanner of the control apparatus by said processor's operations of:

outputting the scanning start command to the image scanning device via said first communication interface;

receiving image data of an original obtained by the image scanning device via said first communication interface; and

transmitting the image data of the original via said second communication interface so that the image data of the original arrives at the designated transmission destination, and

wherein, the selection screen displaying unit is used for specifying plural transmission destinations on the network, in which different transmission categories

comprised of a facsimile destination, a printer, a FTP destination, a file server, a PC, and a mail destination are included.